Figure 1

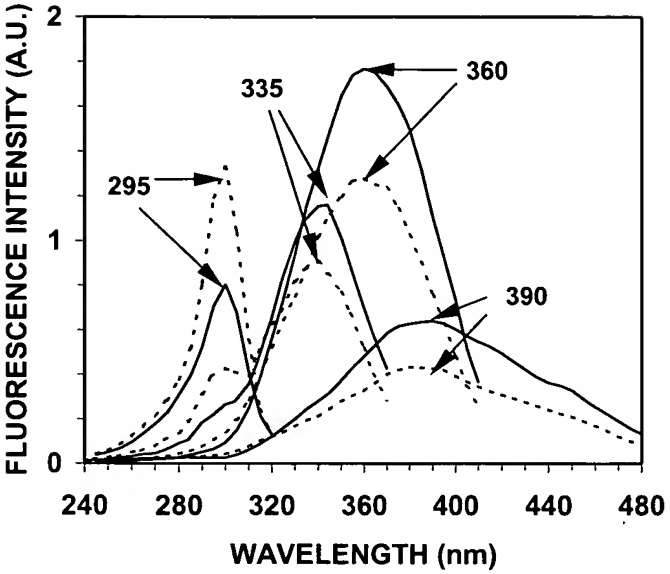

FLUORESCENCE INTENSITY (A.U.)
2
1
0
240
280
320
360
400
440
480
WAVELENGTH (nm)
295
335
360
390

Figure 2a

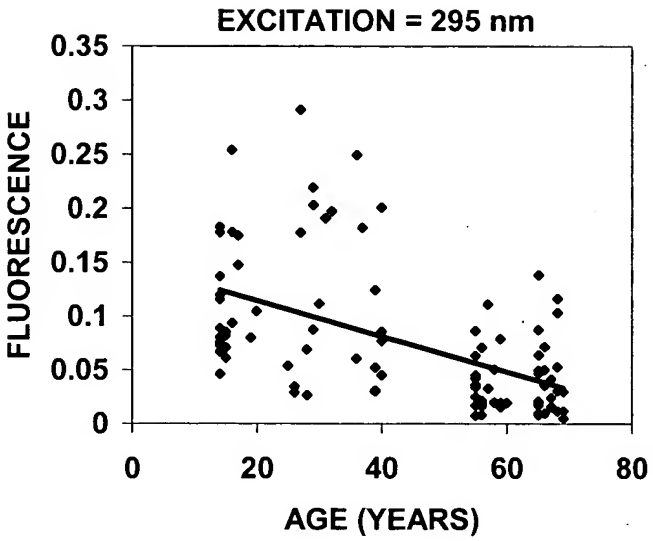

EXCITATION = 295 nm
FLUORESCENCE
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
20
40
60
80
AGE (YEARS)

Figure 2b

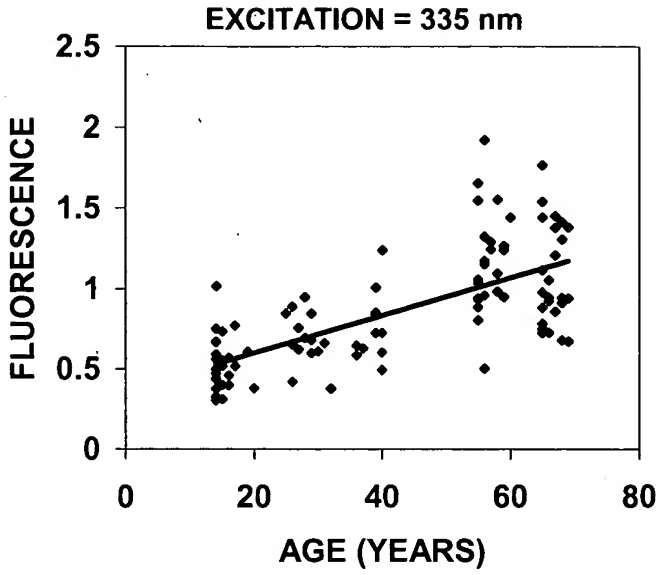

EXCITATION = 335 nm
FLUORESCENCE
2.5
2
1.5
1
0.5
0
0
20
40
60
80
AGE (YEARS)

Figure 2c

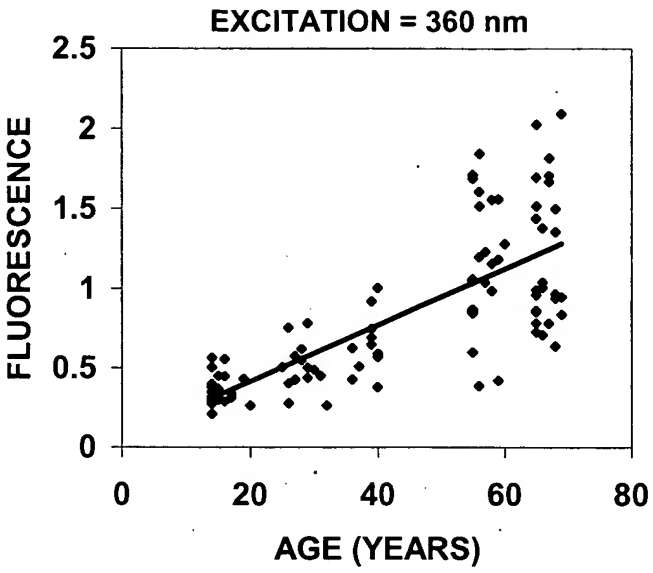

EXCITATION = 360 nm
FLUORESCENCE
2.5
2
1.5
1
0.5
0
0
20
40
60
80
AGE (YEARS)

Figure 2d

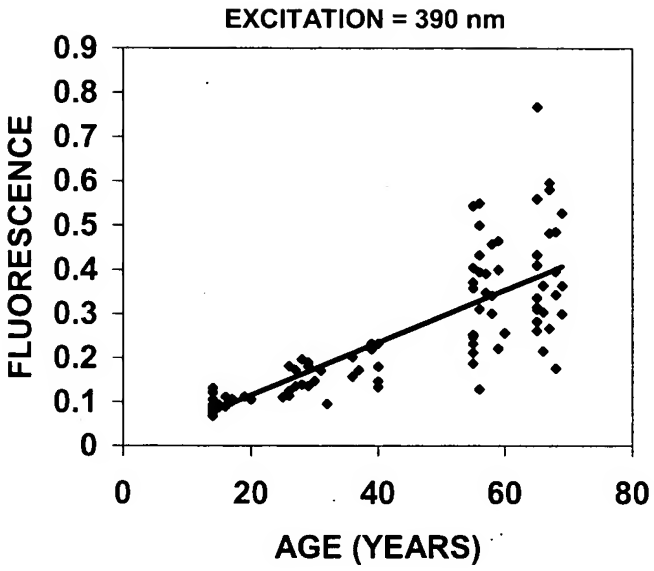

EXCITATION = 390 nm
FLUORESCENCE
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
20
40
60
80
AGE (YEARS)

Figure 3

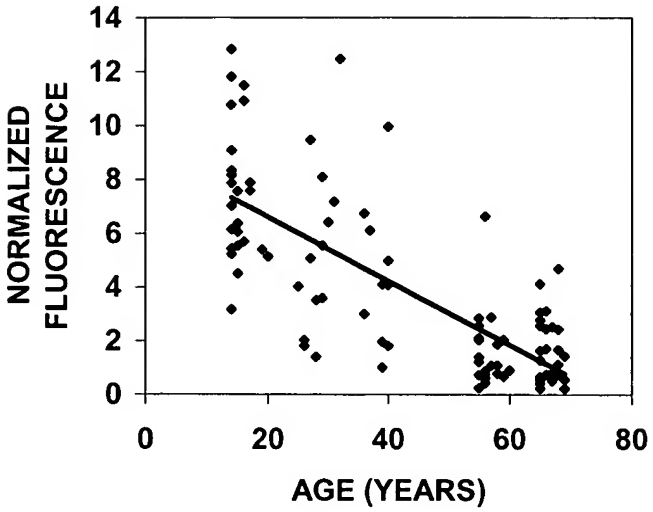

NORMALIZED FLUORESCENCE
14
12
10
8
6
4
2
0
0
20
40
60
80
AGE (YEARS)

Figure 4a

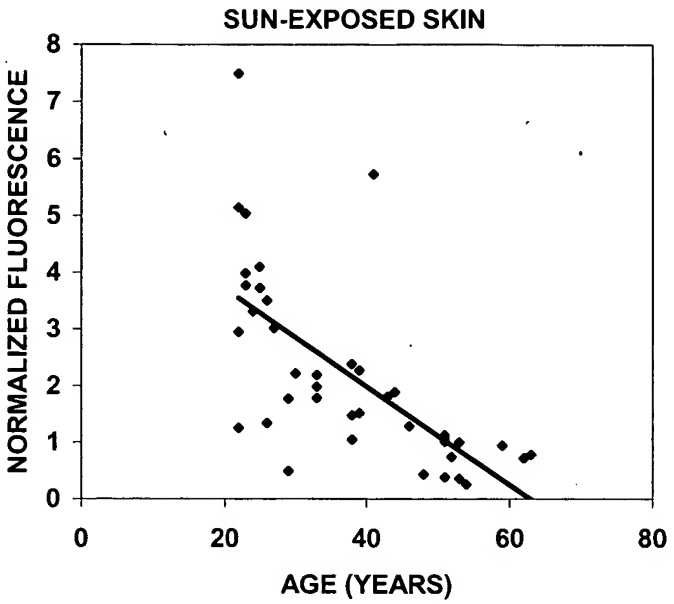

SUN-EXPOSED SKIN
NORMALIZED FLUORESCENCE
0
1
2
3
4
5
6
7
8
0
20
40
60
80
AGE (YEARS)

Figure 4b

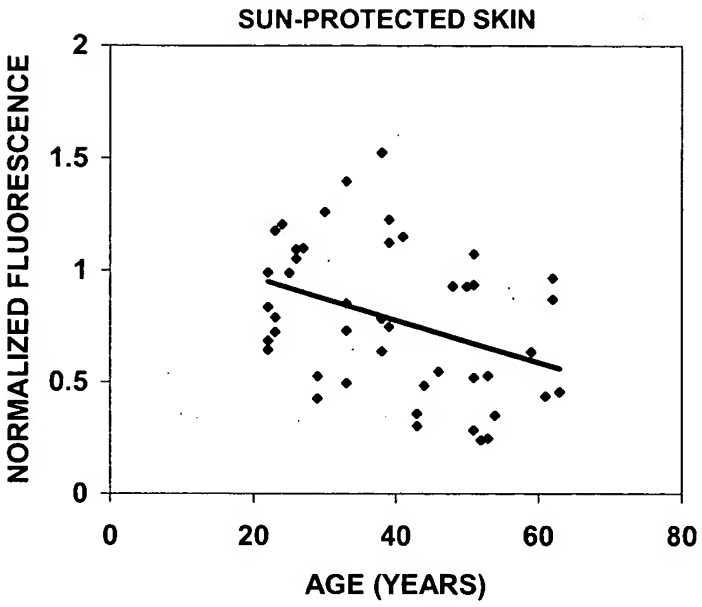

SUN-PROTECTED SKIN
NORMALIZED FLUORESCENCE
2
1.5
1
0.5
0
0
20
40
60
80
AGE (YEARS)

Figure 5a

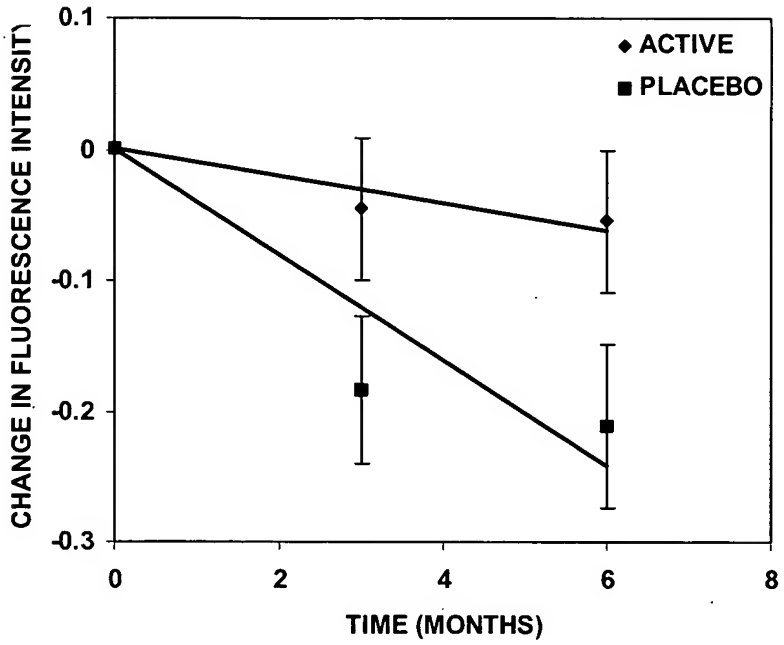

0.1
0
-0.1
-0.2
-0.3
CHANGE IN FLUORESCENCE INTENSIT
0
2
4
6
8
TIME (MONTHS)
ACTIVE
PLACEBO

Figure 5b

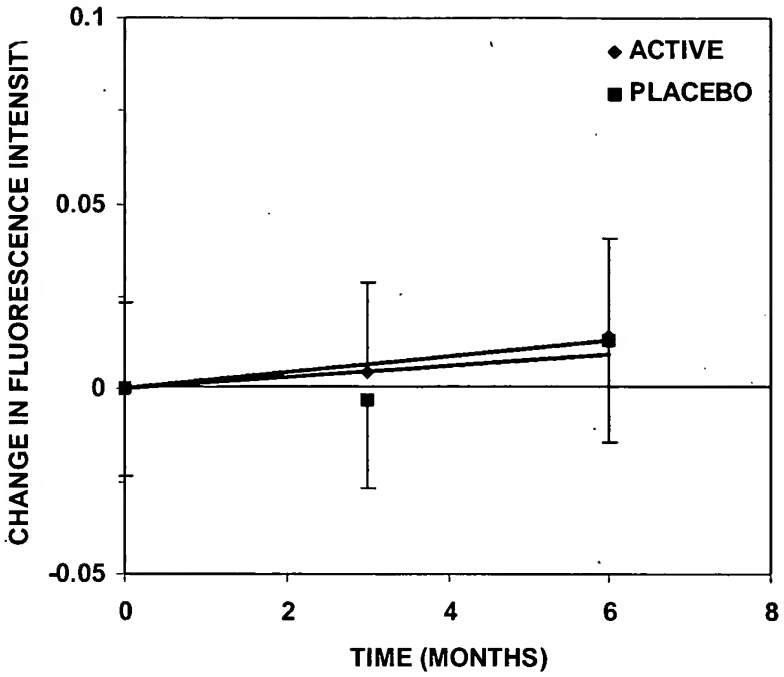
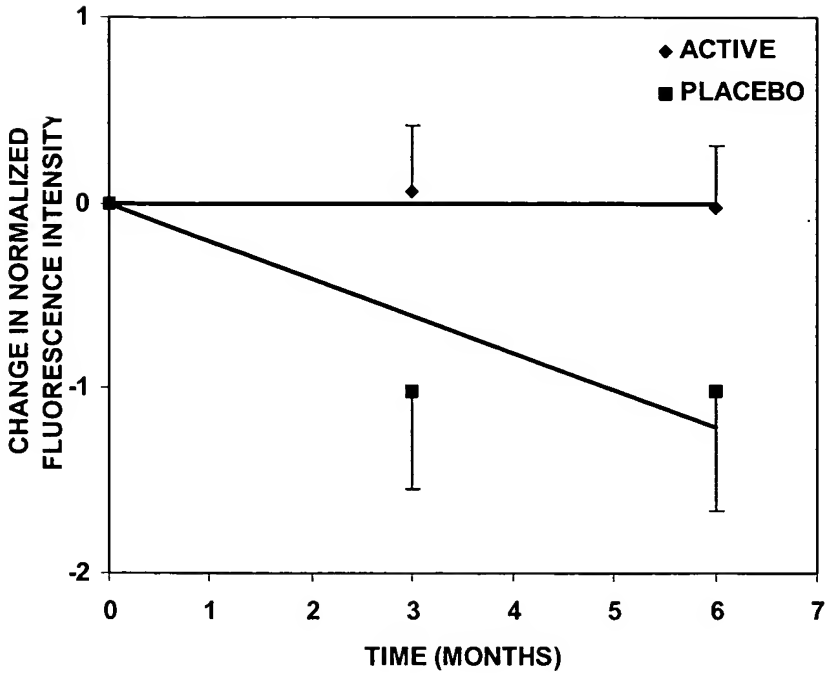

0.1
0.05
0
-0.05
CHANGE IN FLUORESCENCE INTENSITY
ACTIVE
PLACEBO
0
2
4
6
8
TIME (MONTHS)

Figure 5c


1
0
-1
-2
CHANGE IN NORMALIZED FLUORESCENCE INTENSITY
ACTIVE
PLACEBO
0
1
2
3
4
5
6
7
TIME (MONTHS)